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AMENDMENTS TO THE CLAIMS

The following listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-57. (Cancelled)

58. (Currently Amended) A method for reading at least one optical code comprising:

receiving a request signal;

operating a scanning system in a mode of operation selected from at least one mode including a first mode and a second mode;

the first mode comprising generating light, and redirecting the light for generating a first set of scan lines for scanning a target optical code, said first set of scan lines including at least a first and second scan line, wherein the first and second scan lines have different orientations;

~~operating the scanning system in~~ the second mode comprising generating light, and redirecting the light for generating a second set of scan lines for scanning the target optical code, said second set of scan lines including at least one scan line, wherein the second set of scan lines includes less scan lines than the first set of scan lines;

detecting light of at least one of the first set of scan lines and the second set of scan lines reflected from the target optical code and generating corresponding signals; and

decoding the corresponding signals for reading the target optical code,

wherein the orientation of the at least one scan line of the second set of scan lines is ~~user~~ selectable in accordance with the request signal.

59. (Previously Presented) The method according to Claim 58, wherein the second set of scan lines includes a subset of the first set of scan lines.

60. (Currently Amended) The method according to Claim 58, ~~further comprising receiving a request signal,~~ wherein enabling of the decoding is controlled in accordance with the request signal.

61. (Previously Presented) The method according to Claim 60, wherein when operating the scanner system in one of the first and second modes, the decoding is selectively enabled in accordance with the request signal, and when operating the scanner system in the other of the first and second modes the decoding is only enabled or disabled.

62. (Previously Presented) The method according to Claim 58, wherein the second set of scan lines includes only one scan line.

63. (Currently Amended) The method according to Claim 58, further comprising~~:~~

~~receiving a parameter request; and~~

selecting at least one of a quantity of scan lines and the orientation of the respective scan lines of the at least one scan line included in the second set of scan lines in accordance with the request signal;

wherein the request signal is generated responsive to a user action.

64. (Currently Amended) The method according to Claim 63, ~~further comprising operating in~~ wherein the at least one mode further includes a third mode, wherein the selecting the at least one of the quantity of scan lines and the orientation of the respective scan lines of the at least one scan line is performed when operating in the third mode.

65. (Previously Presented) The method according to Claim 58, wherein the second set of scan lines includes at least two parallel lines.

66. (Currently Amended) The method according to Claim 58, wherein the request signal is generated in accordance with an input optical code read

~~further comprising:~~

~~reading an input optical code by the scanner system; and~~

~~selecting to operate in the first mode or second mode of operation;~~

~~wherein the input optical code includes at least one input request selected from the group consisting of a mode selection request and a parameter request; and~~

~~wherein the selecting to operate in the first mode or second mode of operation is in accordance with the mode selection request and at least one of a quantity of scan lines and the orientation of the respective scan lines of the at least one scan line included in the second set of scan lines is determined in accordance with the parameter request~~.

67. (Currently Amended) An optical code scanning system comprising:

means for generating scan lines for scanning a target optical code;

means for detecting light of the generated scan lines reflected from the target optical code and generating corresponding signals; and at least one processor having:

means for receiving a request signal;

means for operating the scanning system in at least one mode of a first and second mode, wherein:

when operating in the first mode the means for generating scan lines generates a first set of scan lines including at least a first and second scan line, wherein the first and second scan lines have different orientations; and

when operating in the second mode the means for generating scan lines generates a second set of scan lines including at least one scan line, wherein the second set of scan lines includes less scan lines than the first set of scan lines, and the orientation of the at least one scan line of the second set of scan lines is ~~user~~ selectable in accordance with the request signal; and

means for decoding the corresponding signals for reading the target optical code.

68. (Previously Presented) The scanning system according to Claim 67, wherein the second set of scan lines includes a subset of the first set of scan lines.

69. (Currently Amended) The scanning system according to Claim 67, the at least one processor further comprising~~:~~

~~means for receiving a request signal; and~~

means for enabling the decoding[[;]], wherein the means for enabling the decoding is controlled in accordance with the request signal.

70. (Previously Presented) The scanning system according to Claim 69, wherein the means for decoding is controlled in accordance with the received request signal only when operating in one mode of the first and second modes.

71. (Previously Presented) The scanning system according to Claim 67, wherein the second set of scan lines includes only one scan line.

72. (Currently Amended) The scanning system according to Claim 67, the at least one processor further comprising~~:~~

~~means for receiving a parameter request; and~~

means for selecting at least one of a quantity of scan lines and the orientation of the respective scan lines of the at least one scan line included in the second set of scan lines in accordance with the ~~parameter~~ request signal;

wherein the request signal is generated responsive to a user action.

73. (Currently Amended) The scanning system according to Claim 72, wherein the at least ~~first and second~~ one mode includes a third mode, and the selecting the at least one of the quantity of scan lines and the orientation of the respective scan lines of the at least one scan line is performed when operating in the third mode.

74. (Previously Presented) The scanning system according to Claim 67, wherein the second set of scan lines includes at least two parallel lines.

75. (Currently Amended) The scanning system according to Claim 67, further comprising one single-position actuator responsive to at least one user action for generating a ~~user~~ the request signal, wherein the ~~user~~ request signal controls at least one of the means for operating for selecting the mode of operation, and enablement of the means for decoding.

76. (Currently Amended) The scanning system according to Claim 67, the at least one processor further comprising:

means for processing an input optical code read by the scanner system~~; and~~ for generating the request signal.

~~means for selecting to operate in the first mode or second mode of operation;~~

~~wherein the input optical code includes at least input request selected from the group consisting of a mode selection request and a parameter request; and~~

~~wherein the means for selecting selects the mode of operation is in accordance with the mode selection request, and selection of at least one of a quantity of scan lines and the orientation of the respective scan lines of the at least one scan line included in the second set of scan lines in accordance with the parameter request. the at least one scan line included in the second set of scan lines is determined in accordance with the parameter request.~~

77. (Currently Amended) An optical code scanning system comprising:

means for generating at least one scan line for scanning a target optical code;

a photo sensor for detecting light of the at least one scan line reflected from an optical code and generating corresponding signals; and

at least one processor having:

~~a~~ means for receiving a request signal;

means for controlling the means for generating at least one scan line for operating the scanning system in at least one mode of a first and second mode;

wherein when the scanning system operates in the first mode the means for generating at least one scan line generates a first set of scan lines including at least a first and second scan line, wherein the first and second scan lines have different orientations; and

wherein when the scanning system operates in the second mode the means for generating at least one scan line generates a second set of scan lines including at least one scan line, wherein the second set of scan lines includes less scan lines than the first set of scan lines, and the orientation of the at least one scan line of the second set of scan lines is ~~user~~ selectable in accordance with the request signal; and

a decoder for decoding the corresponding signals for reading the target optical code.

78. (Previously Presented) The scanning system according to Claim 77, wherein the means for generating at least one scan line includes a light source for generating light; and means for redirecting the generated light.

79. (Previously Presented) The scanning system according to Claim 78, wherein the means for controlling controls at least one of the light source and the means for redirecting.

80. (Previously Presented) The scanning system according to Claim 77, wherein the second set of scan lines includes at least two parallel scan lines.

81. (Currently Amended) The scanning system according to Claim 77:

~~wherein the at least one processor further includes means for receiving a request signal;~~

wherein the decoder generates at least one decode signal corresponding to the decoding, transmits the at least one decode signal for further processing thereof; and

wherein the decoder is enabled for at least one of the decoding, generating and transmitting of the at least one decode signal in accordance with the request signal.

82. (Currently Amended) The scanning system according to Claim 77, further comprising one single-position actuator responsive to at least one user action for generating ~~a~~ ~~user~~ the request signal, wherein at least one of the means for controlling and the decoder is controlled in accordance with the ~~user~~ request signal.

83. (Previously Presented) The scanning system according to Claim 77, wherein the second set of scan lines includes a subset of the first set of scan lines.

84. (Previously Presented) The scanning system according to Claim 77, wherein the second set of scan lines includes only one scan line.

85. (Currently Amended) The scanning system according to Claim 77, the at least one processor further comprising means for ~~receiving a parameter for~~ selecting at least one of a quantity of scan lines and the orientation of the respective scan lines of the at least one scan line included in the second set of scan lines in accordance with the parameter request; and

wherein the request signal is generated responsive to a user action. ~~the at least one scan line included in the second set of scan lines.~~

86. (Currently Amended) A method for scanning an optical code comprising:

receiving a request signal;

generating at least one scan line for scanning a target optical code;

detecting light of the at least one scan line reflected from an optical code and generating corresponding signals;

controlling the generating the at least one scan line for operating the scanning system in at least one mode of a first and second mode;

wherein when operating in the first mode the generating the at least one scan line includes generating a first set of scan lines including at least a first and second scan line, wherein the first and second scan lines have different orientations; and

wherein when operating in the second mode the generating the at least one scan line includes generating a second set of scan lines including at least one scan line, wherein the second set of scan lines includes less scan lines than the first set of scan lines, and the orientation of the at least one scan line of the second set of scan lines is ~~user~~ selectable in accordance with the request signal; and

decoding the corresponding signals for reading the target optical code.

87. (Previously Presented) The method according to Claim 86, wherein the generating at least one scan line includes:

generating light; and

redirecting the generated light.

88. (Previously Presented) The method according to Claim 86, wherein the controlling the generating includes controlling at least one of the generating light and the redirecting the generated light.

89. (Previously Presented) The method according to Claim 86, wherein the second set of scan lines includes at least two parallel scan lines.

90. (Currently Amended) The method according to Claim 86, ~~further comprising receiving a request signal,~~ wherein the decoding is enabled in accordance with the request signal.

91. (Currently Amended) The method according to Claim 86, further comprising:

generating ~~a user~~ the request signal ~~from~~ by one single-position actuator responsive to at least one user action; and

controlling at least one of the controlling the generating and the decoding in accordance with the ~~user~~ request signal.

92. (Previously Presented) The method according to Claim 86, wherein the second set of scan lines includes a subset of the first set of scan lines.

93. (Previously Presented) The method according to Claim 86, wherein the second set of scan lines includes only one scan line.

94. (Currently Amended) The method according to Claim 86, ~~further comprising receiving~~ wherein the request signal includes a parameter for selecting at least one of a quantity

of scan lines and the orientation of the respective scan lines of the at least one scan line included in the second set of scan lines; and

wherein the request signal is generated responsive to a user action ~~in accordance with the parameter request, the at least one scan line included in the second set of scan lines~~.

Claims 95-115 (Cancelled)

116. (Previously Presented) The method in accordance with Claim 58, wherein the at least one scan line of the second set of scan lines includes intersecting lines.

117. (Previously Presented) The scanning system in accordance with Claim 67, wherein the at least one scan line of the second set of scan lines includes intersecting lines.

118. (Previously Presented) The scanning system in accordance with Claim 77, wherein the at least one scan line of the second set of scan lines includes intersecting lines.

119. (Previously Presented) The method in accordance with Claim 86, wherein the at least one scan line of the second set of scan lines includes intersecting lines.